

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
 Data File : BE097465.D
 Acq On : 12 Sep 2018 23:59
 Operator : SJ/JU
 Sample : J4792-03DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YY9DL

Manual Integrations
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Sohil
 9/13/2018 5:42:32 PM

Quant Time: Sep 13 03:01:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	879	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4972	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3546	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	8833	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10240	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	11481	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	386	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1270	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.16	128	3162	0.261	ng/ul#	94
5) 2-Methylnaphthalene	11.79	142	1208	0.158	ng/ul	96
7) Acenaphthylene	13.72	152	1130	0.087	ng/ul#	85
8) Acenaphthene	14.07	153	1902	0.171	ng/ul	97
9) Fluorene	15.07	166	2003	0.157	ng/ul#	90
12) Phenanthrene	16.80	178	44137	1.941	ng/ul#	89
13) Anthracene	16.89	178	8135	0.426	ng/ul#	93
15) Fluoranthene	18.83	202	63821	2.185	ng/ul	84
17) Pyrene	19.19	202	61664	2.238	ng/ul#	80
18) Benzo(a)anthracene	20.95	228	37489	1.425	ng/ul#	89
19) Chrysene	21.01	228	41925	1.383	ng/ul	95
21) Benzo(b)fluoranthene	22.53	252	43198m	1.405	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	12112m	0.353	ng/ul	
23) Benzo(a)pyrene	23.10	252	29143	1.025	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.49	276	20462	0.555	ng/ul#	73
25) Dibenzo(a,h)anthracene	25.50	278	6798	0.218	ng/ul#	74
26) Benzo(g,h,i)perylene	26.19	276	19591	0.623	ng/ul	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

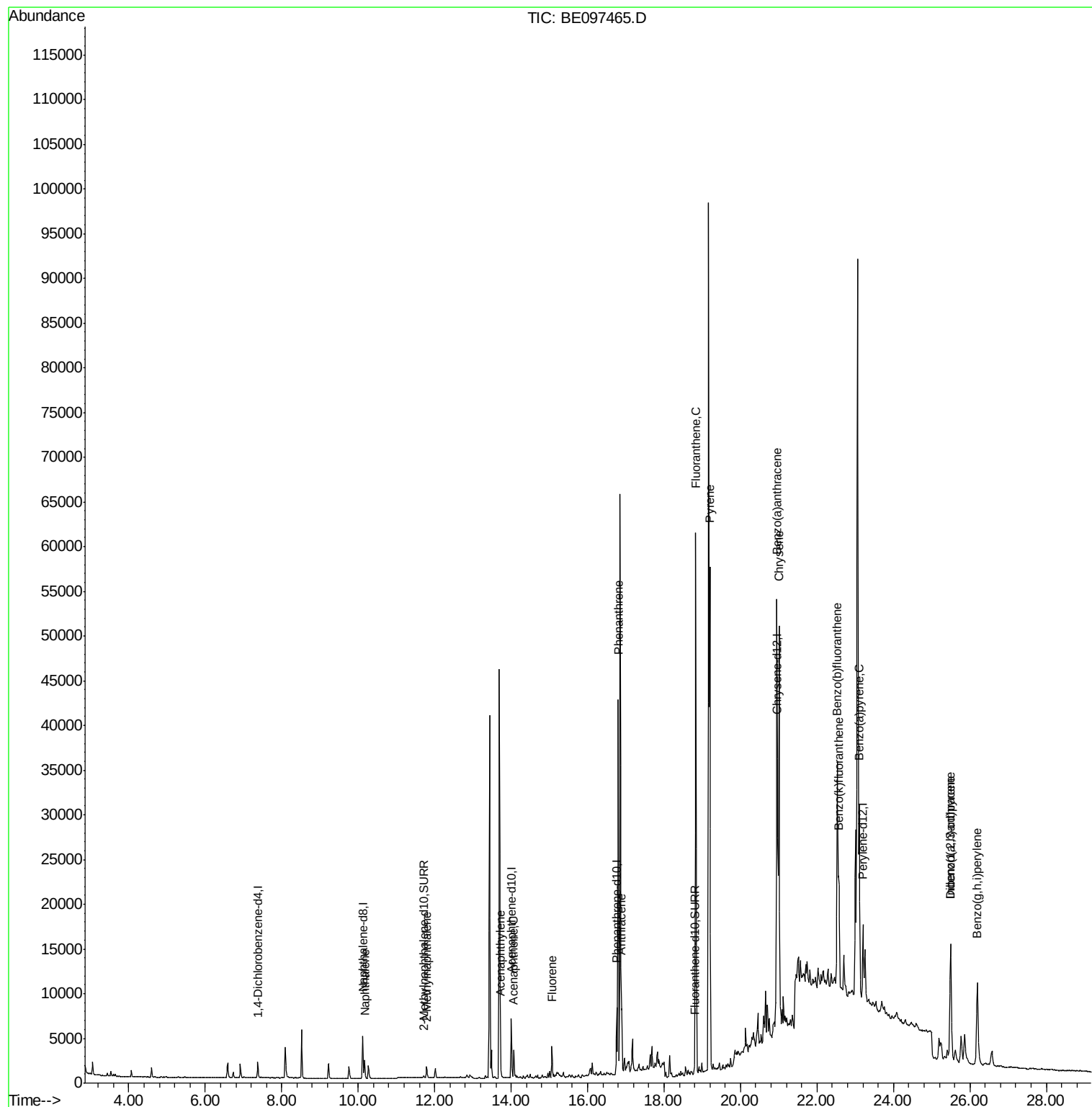
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097465.D
Acq On : 12 Sep 2018 23:59
Operator : SJ/JU
Sample : J4792-03DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

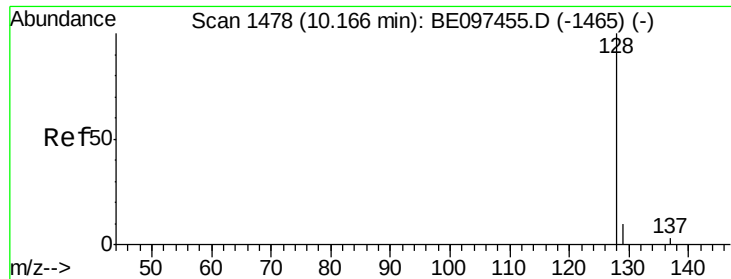
Instrument :
BNA_E
ClientSampleId :
A3YY9DL

Quant Time: Sep 13 03:01:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:51:24 2018
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.261 ng/ul

RT: 10.16 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097465.D

Acq: 12 Sep 2018 23:59

Instrument :

BNA_E

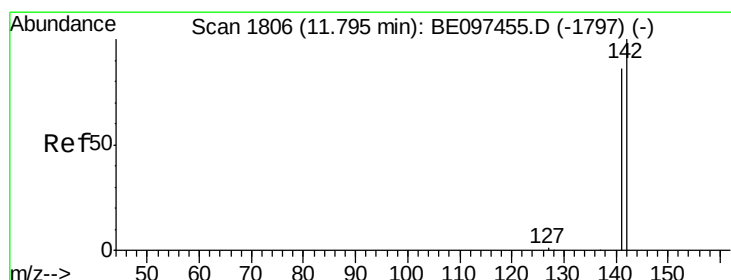
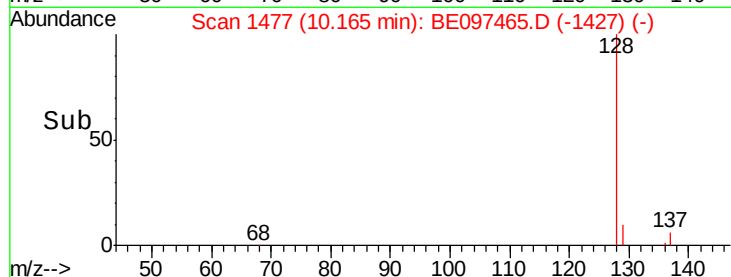
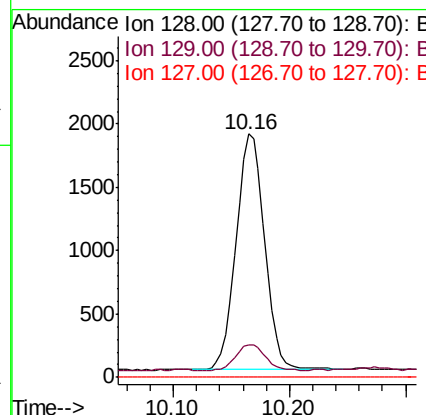
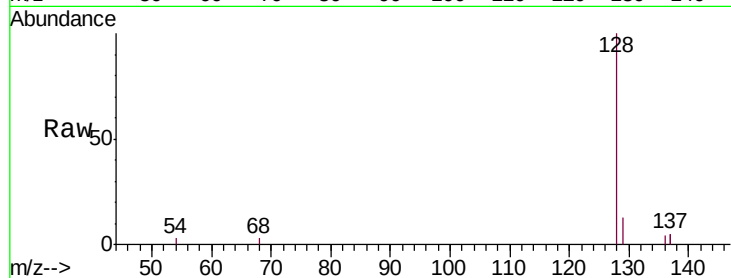
ClientSampleId :

A3YY9DL

Tgt Ion:	128	Resp:	3162
Ion Ratio	Lower	Upper	
128	100		
129	13.2	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.158 ng/ul

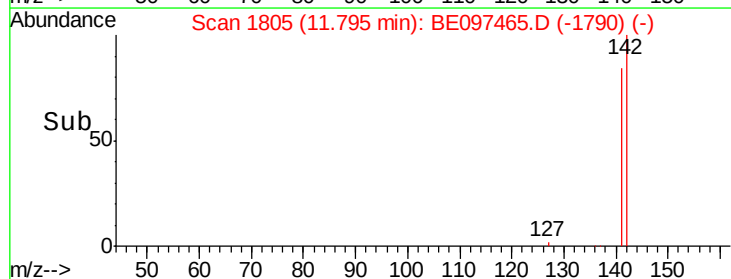
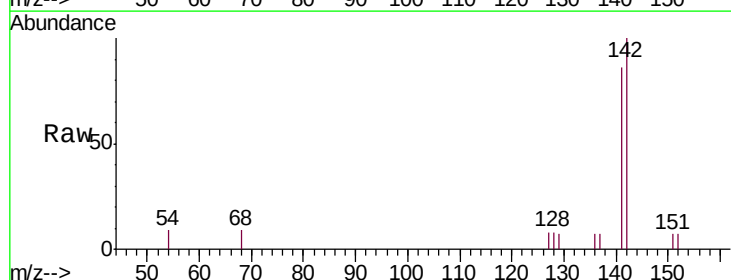
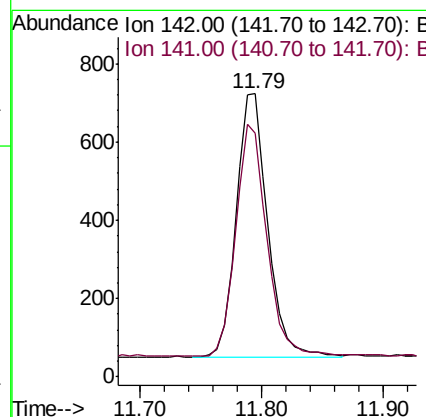
RT: 11.79 min Scan# 1805

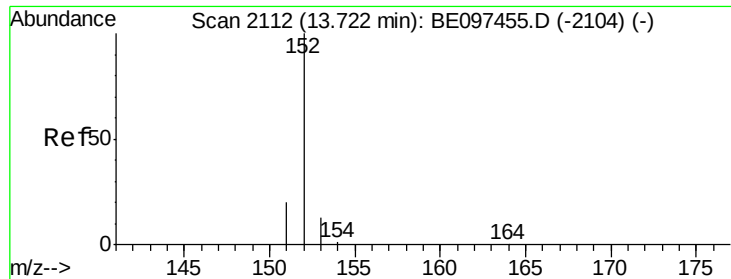
Delta R.T. -0.00 min

Lab File: BE097465.D

Acq: 12 Sep 2018 23:59

Tgt Ion:	142	Resp:	1208
Ion Ratio	Lower	Upper	
142	100		
141	86.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.087 ng/ul

RT: 13.72 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BE097465.D

Acq: 12 Sep 2018 23:59

Instrument :

BNA_E

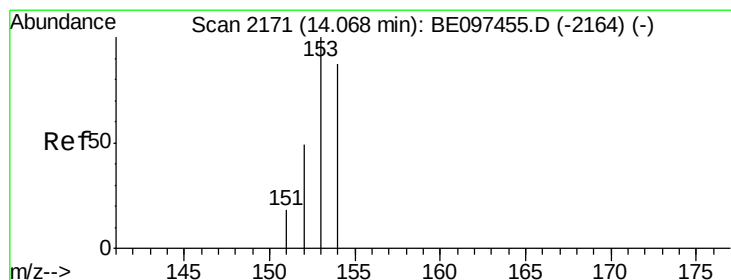
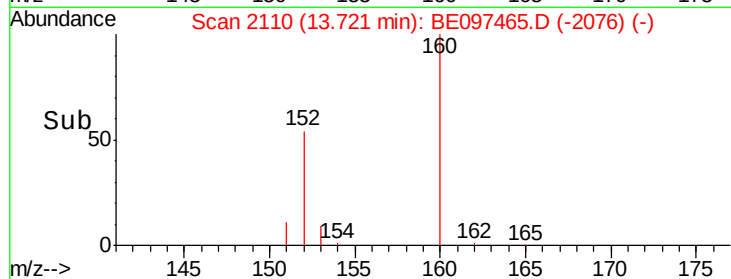
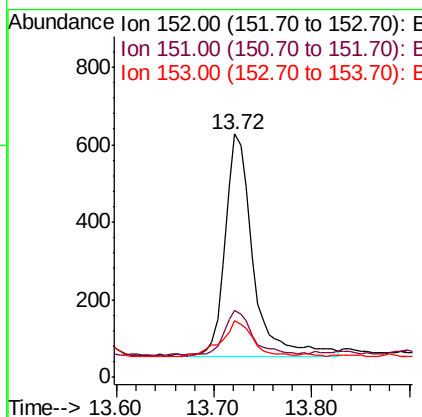
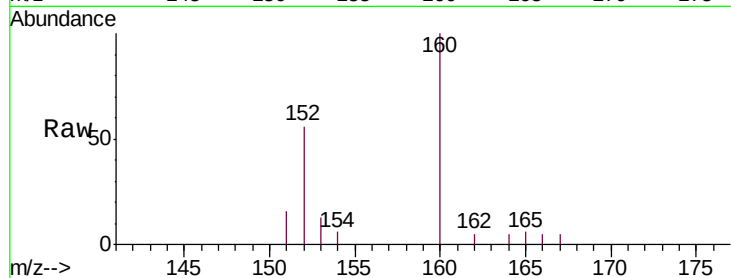
ClientSampleId :

A3YY9DL

Tgt Ion:	152	Resp:	1130
Ion Ratio	Lower	Upper	
152	100		
151	27.5	17.1	25.7#
153	23.4	12.8	19.2#

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#8

Acenaphthene

Concen: 0.171 ng/ul

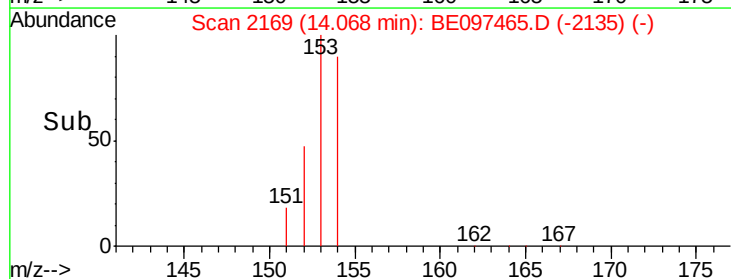
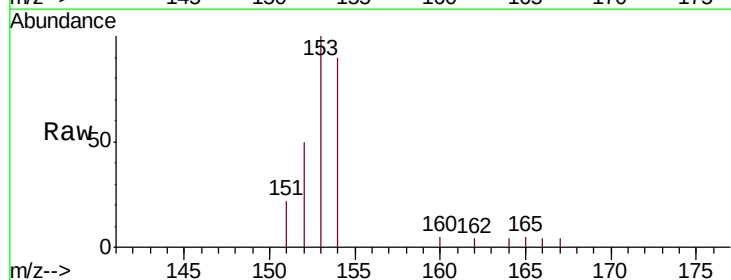
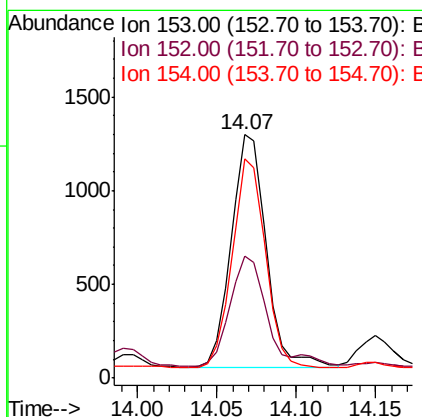
RT: 14.07 min Scan# 2169

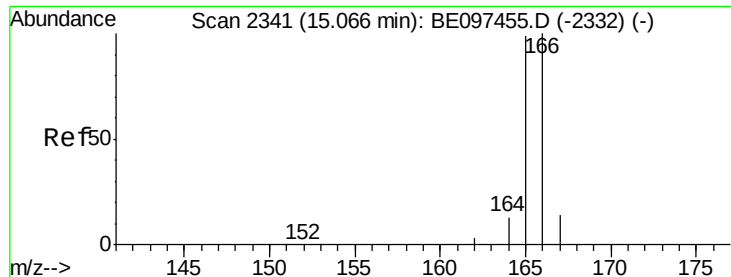
Delta R.T. -0.00 min

Lab File: BE097465.D

Acq: 12 Sep 2018 23:59

Tgt Ion:	153	Resp:	1902
Ion Ratio	Lower	Upper	
153	100		
152	50.3	36.0	54.0
154	90.1	72.0	108.0





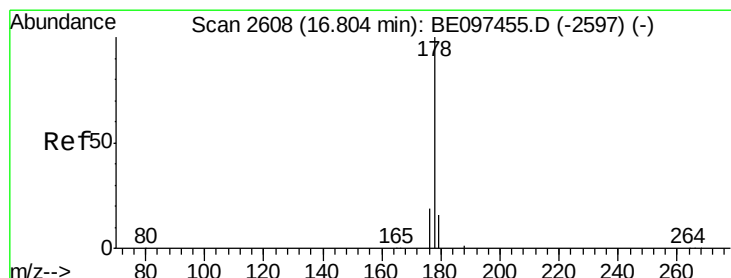
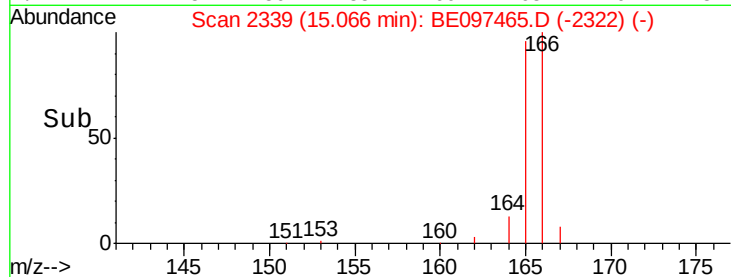
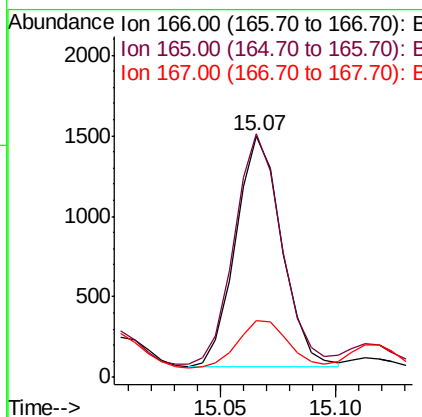
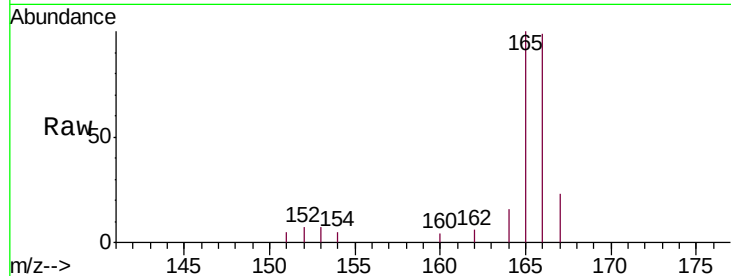
#9
Fluorene
Concen: 0.157 ng/ul
RT: 15.07 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BE097465.D
Acq: 12 Sep 2018 23:59

Instrument :
BNA_E
ClientSampleId :
A3YY9DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	73.4	110.2
167	23.3	14.6	22.0

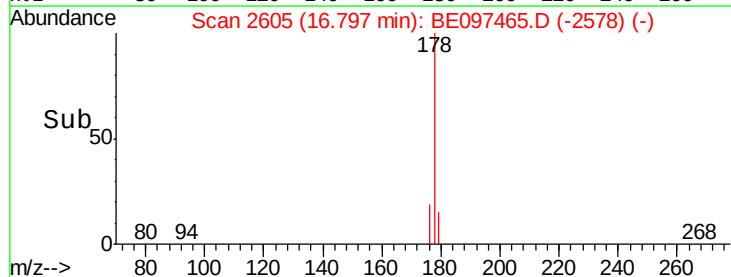
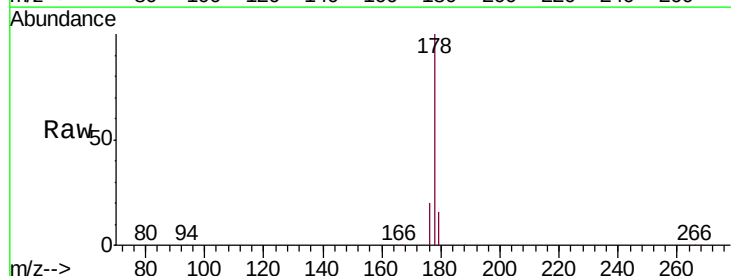
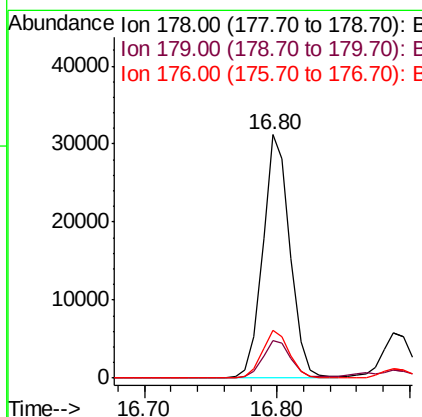
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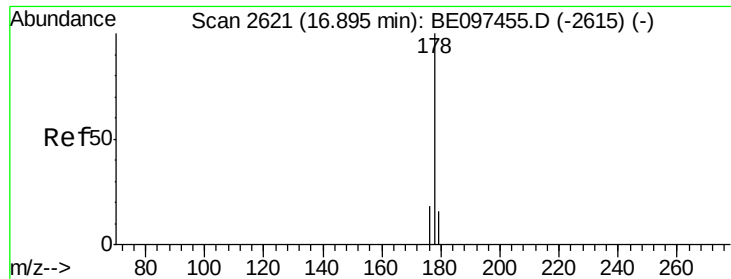
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#12
Phenanthrene
Concen: 1.941 ng/ul
RT: 16.80 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BE097465.D
Acq: 12 Sep 2018 23:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6
176	19.5	13.6	20.4





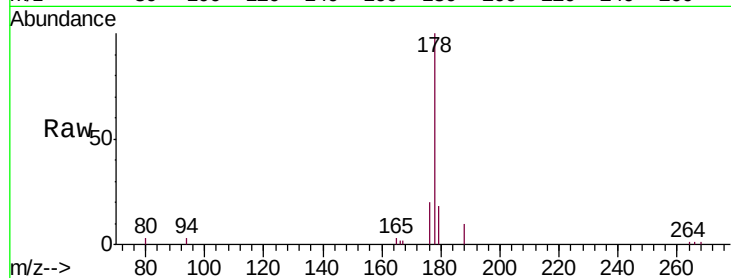
#13
 Anthracene
 Concen: 0.426 ng/ul
 RT: 16.89 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BE097465.D
 Acq: 12 Sep 2018 23:59

Instrument :
 BNA_E
 ClientSampleId :
 A3YY9DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.5	18.1	27.1#
176	19.9	14.7	22.1

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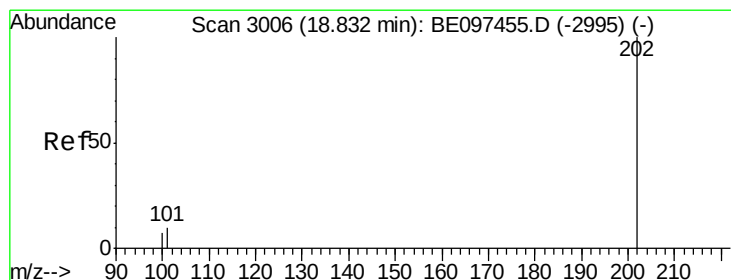
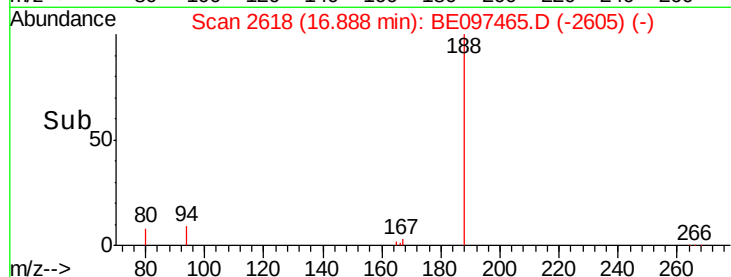
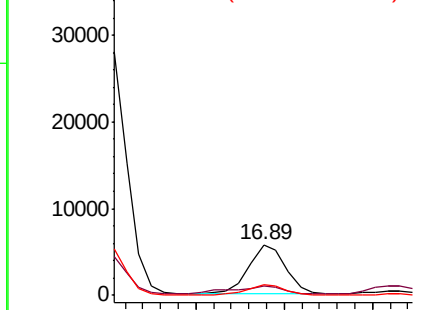


Abundance

Ion 178.00 (177.70 to 178.70): E

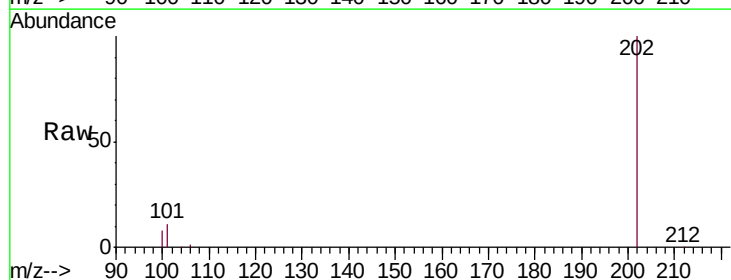
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15
 Fluoranthene
 Concen: 2.185 ng/ul
 RT: 18.83 min Scan# 3004
 Delta R.T. -0.00 min
 Lab File: BE097465.D
 Acq: 12 Sep 2018 23:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.3
100	8.4	0.0	39.5

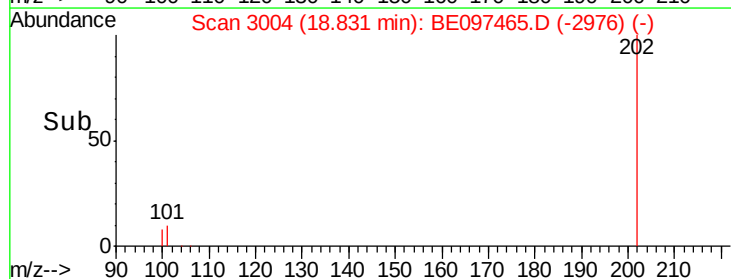
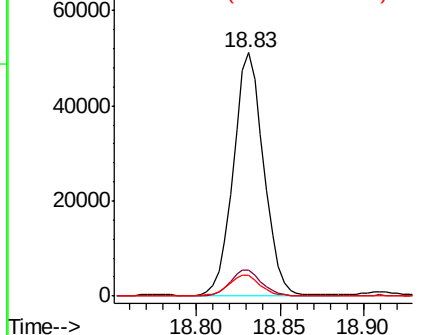


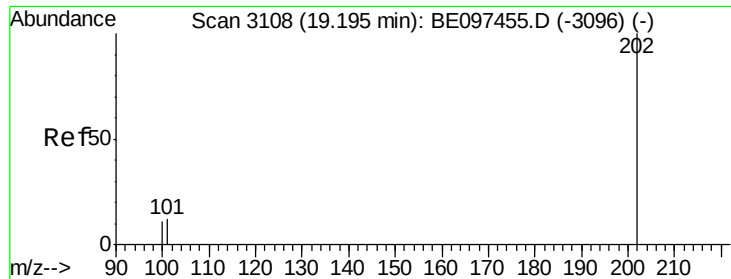
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





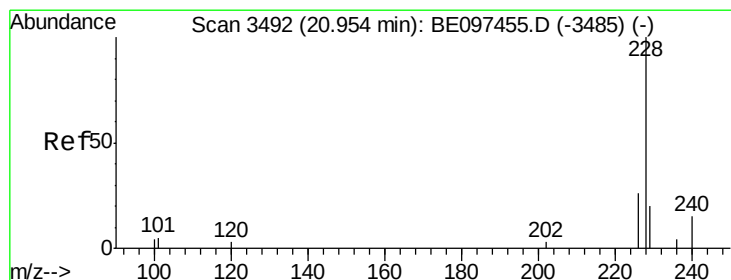
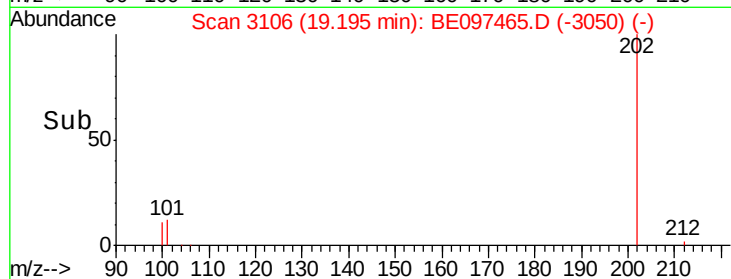
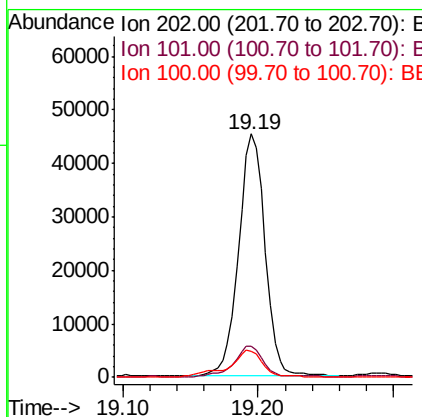
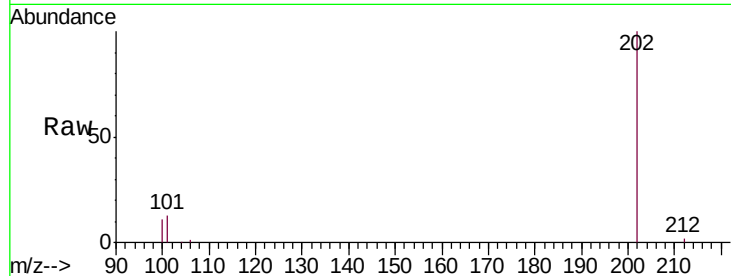
#17
Pyrene
 Concen: 2.238 ng/ul
 RT: 19.19 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: BE097465.D
 Acq: 12 Sep 2018 23:59

Instrument :
 BNA_E
 ClientSampleId :
 A3YY9DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	61664		
101	12.7	18.2	27.4#	
100	10.9	15.6	23.4#	

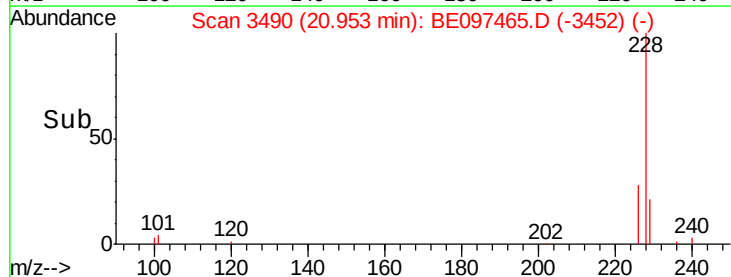
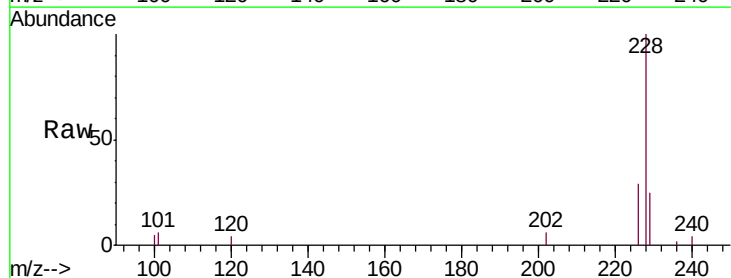
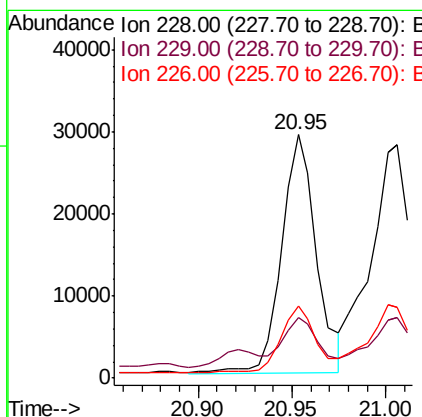
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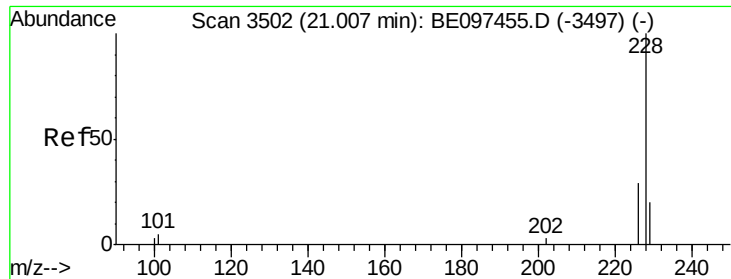
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#18
Benzo(a)anthracene
 Concen: 1.425 ng/ul
 RT: 20.95 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: BE097465.D
 Acq: 12 Sep 2018 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	37489		
229	25.0	22.8	34.2	
226	29.4	17.0	25.6#	





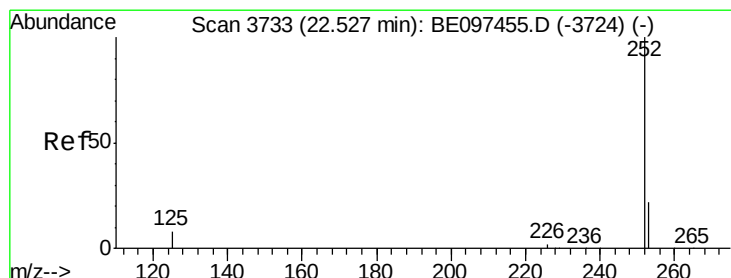
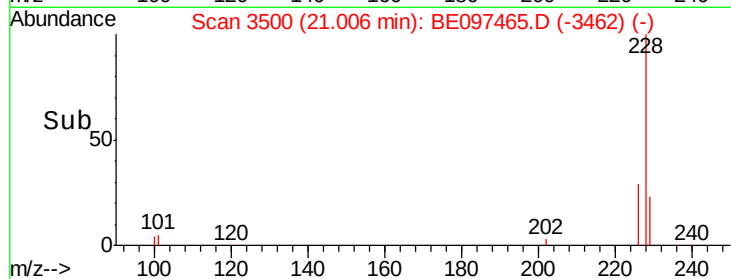
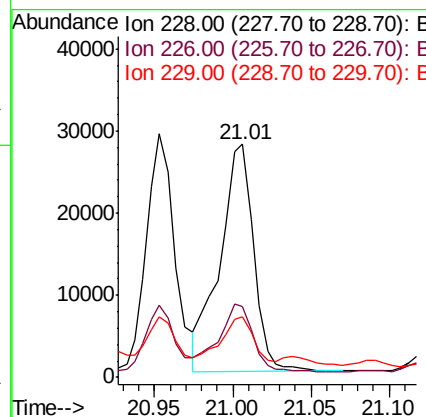
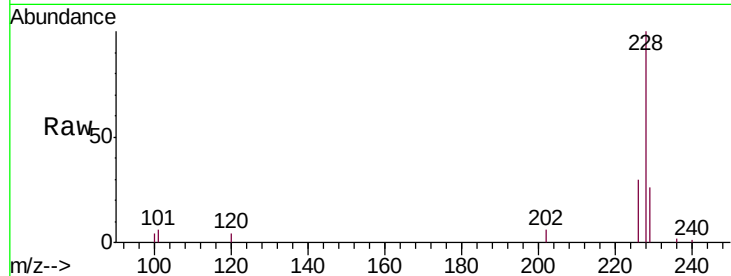
#19
Chrysene
Concen: 1.383 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. -0.00 min
Lab File: BE097465.D
Acq: 12 Sep 2018 23:59

Instrument :
BNA_E
ClientSampleId :
A3YY9DL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	25.9	17.7	26.5

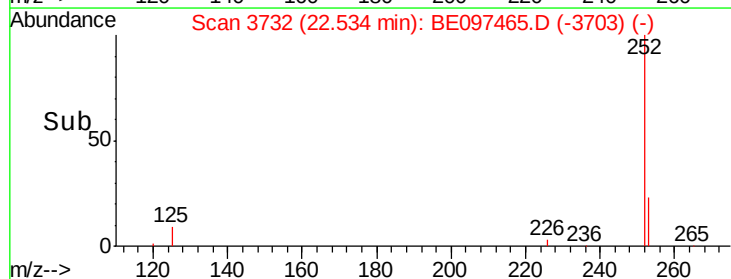
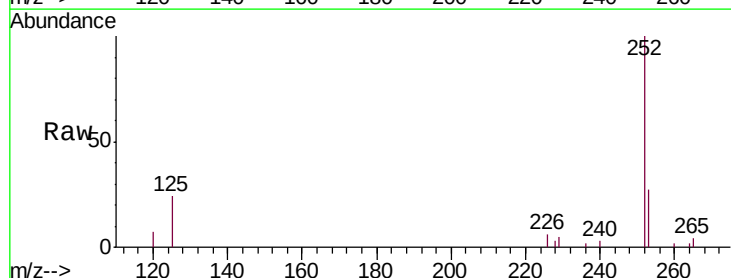
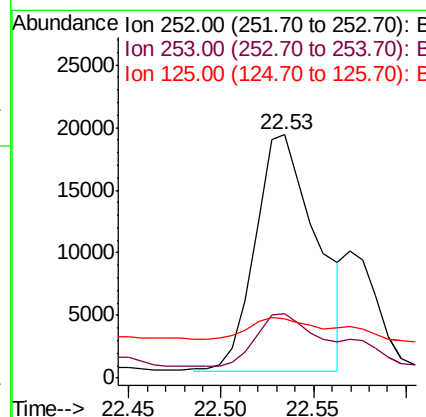
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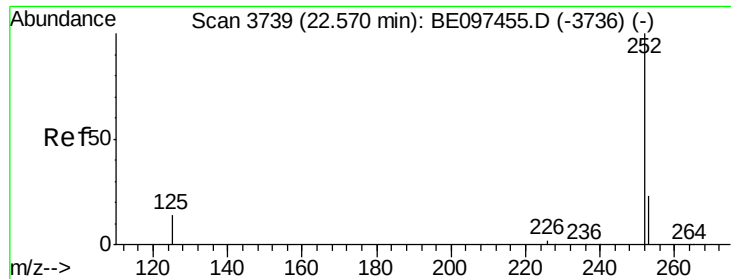
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#21
Benzo(b)fluoranthene
Concen: 1.405 ng/ul m
RT: 22.53 min Scan# 3732
Delta R.T. 0.01 min
Lab File: BE097465.D
Acq: 12 Sep 2018 23:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	64.2
125	24.4	0.0	35.0





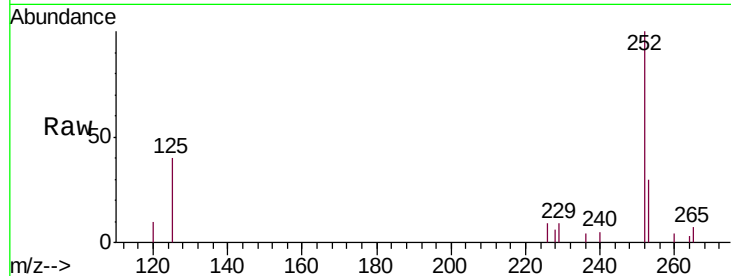
#22
Benzo(k)fluoranthene
Concen: 0.353 ng/ul m
RT: 22.57 min Scan# 3737
Delta R.T. -0.00 min
Lab File: BE097465.D
Acq: 12 Sep 2018 23:59

Instrument :
BNA_E
ClientSampleId :
A3YY9DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	12112		
253	30.0	24.5	36.7	
125	40.3	13.7	20.5#	

Manual Integrations
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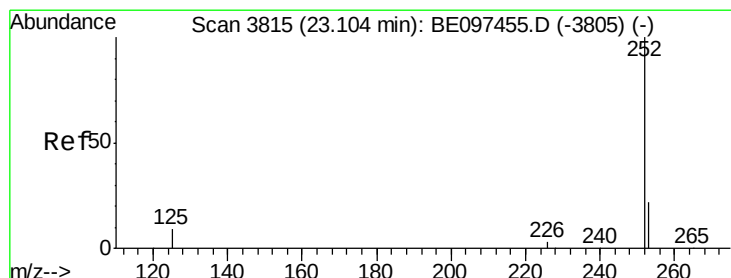
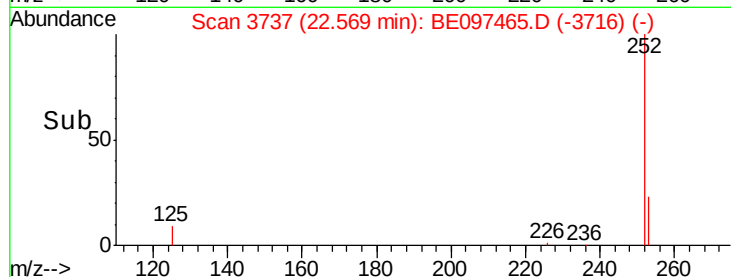
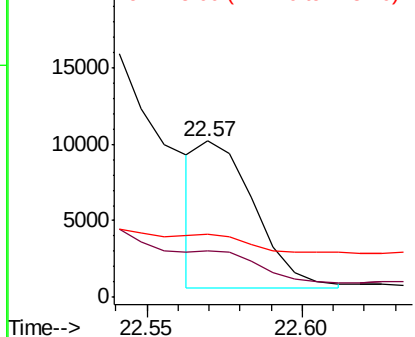


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23
Benzo(a)pyrene
Concen: 1.025 ng/ul
RT: 23.10 min Scan# 3813
Delta R.T. -0.00 min
Lab File: BE097465.D
Acq: 12 Sep 2018 23:59

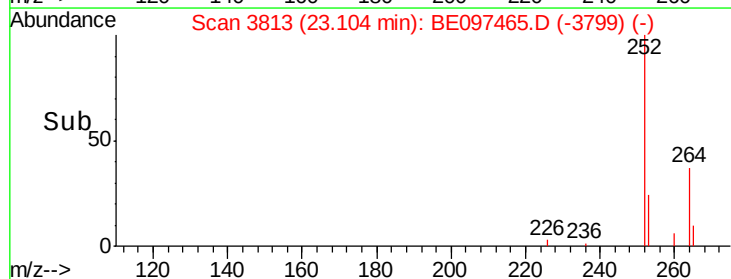
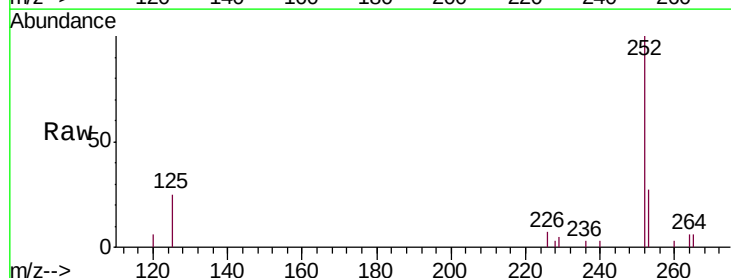
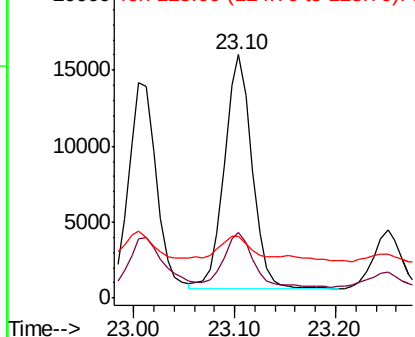
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	29143		
253	26.8	28.5	42.7#	
125	25.5	18.1	27.1	

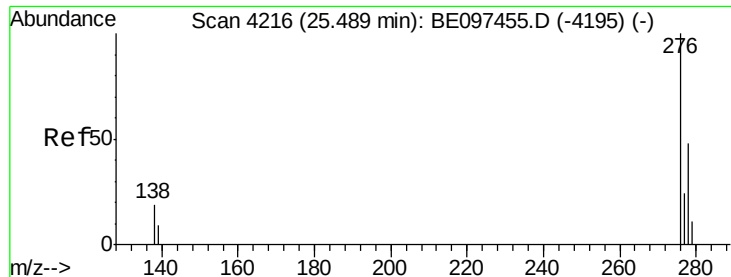
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





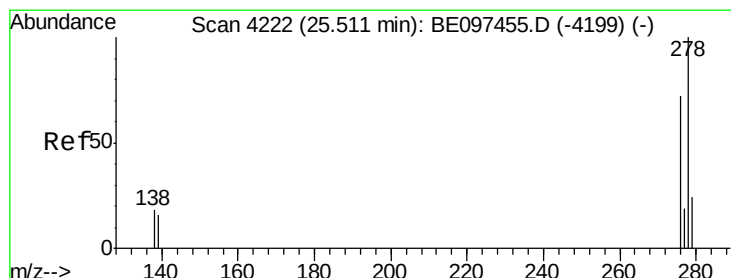
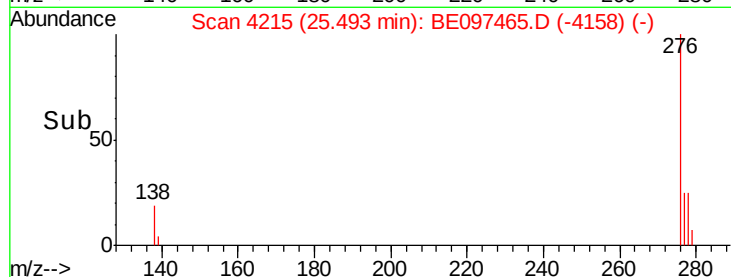
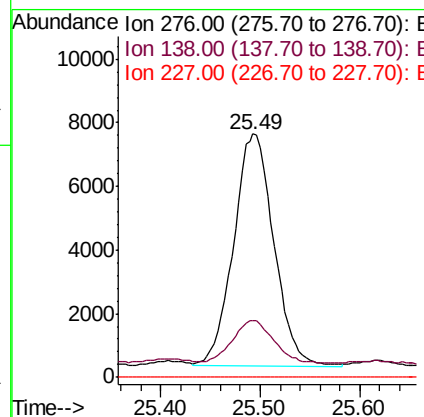
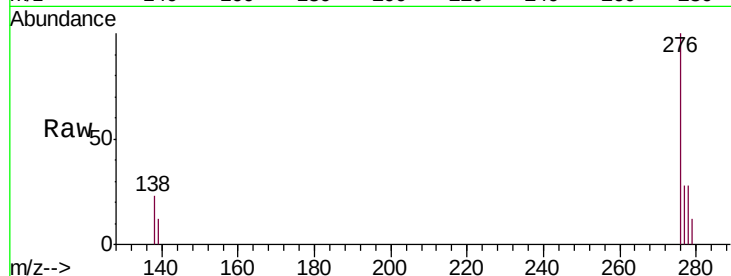
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.555 ng/ul
 RT: 25.49 min Scan# 4215
 Delta R.T. 0.00 min
 Lab File: BE097465.D
 Acq: 12 Sep 2018 23:59

Instrument :
 BNA_E
 ClientSampleId :
 A3YY9DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.3	28.0	42.0#
227	0.0	8.0	12.0#

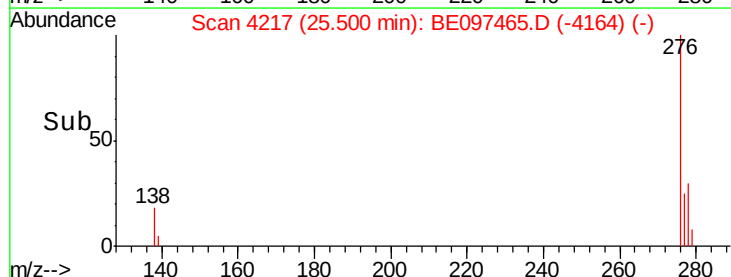
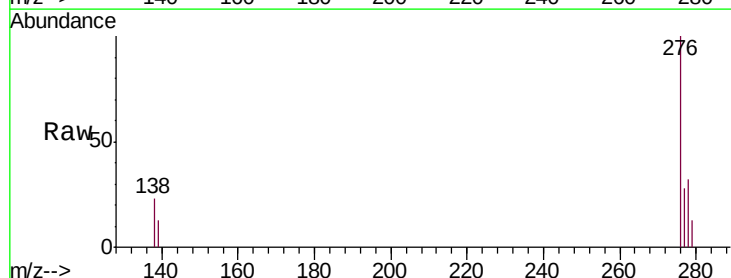
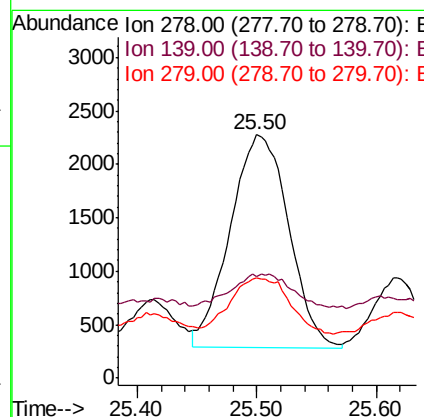
Manual Integrations
 APPROVED

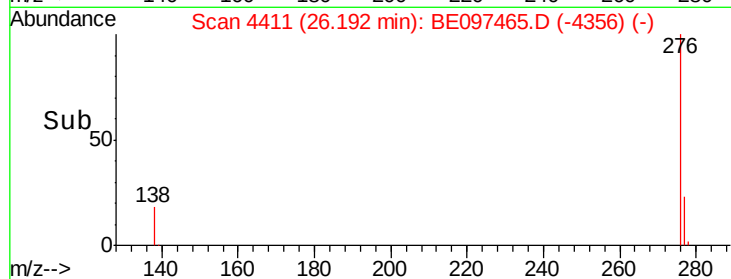
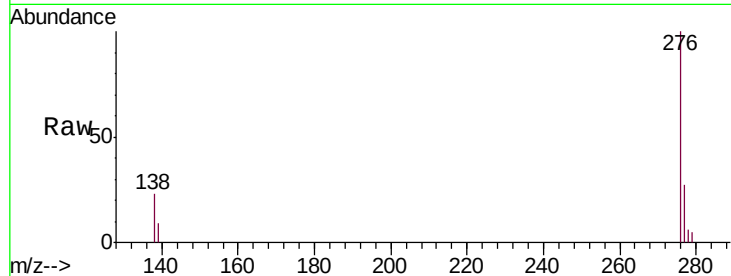
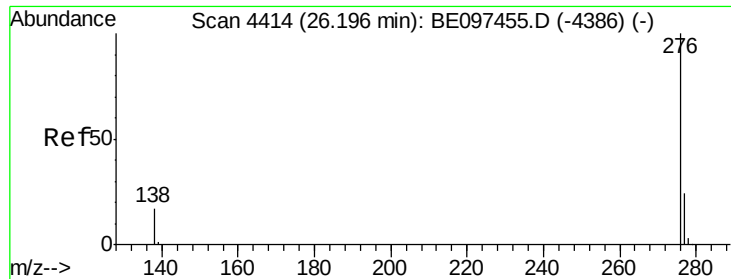
Sohil
 9/13/2018 5:42:32 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.218 ng/ul
 RT: 25.50 min Scan# 4217
 Delta R.T. -0.01 min
 Lab File: BE097465.D
 Acq: 12 Sep 2018 23:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.0	17.4	26.0#
279	41.0	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.623 ng/ul

RT: 26.19 min Scan# 4411

Delta R.T. -0.00 min

Lab File: BE097465.D

Acq: 12 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

A3YY9DL

Tgt Ion:	276	Resp:	19591
Ion Ratio	Lower	Upper	
276	100		
138	22.7	21.8	32.8
277	27.0	20.5	30.7

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:32 PM

